

Product datasheet for **MC200089**

2310004I24Rik (BC004029) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 2310004I24Rik (BC004029) Mouse Untagged Clone
Tag: Tag Free
Symbol: 2310004I24Rik
Synonyms: 2310004I24Rik; MDS006
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC004029

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>BC004029
GTTGTGGAGGAGTCCCGGGTCCGGCGGCTGATAGCGGGATCCCAGCATTGCTTCAGGGATTGTTGCATT
GGAGCATGATACTGTTCTTCTCCGTGCTTGGCTTTTTTGTATCTATCGGGCTGCTCTAACACCCTTATT
TAGAAGTCTGCTTGGAGTTATGGCTGATAAGCTGGTCCCGAGTTCCCGGCTGATGCTTCAGAGCCACT
GTTTTCTTCGGAGTTATAGCAGATATTCAATACGCTGATTTAGAAGATGGATACAATTATCAAAGAAGC
CGGCGGAGGTAACCGACACAGTCTTATTCACTTACAGGGTGCCATCGAAGACTGGAATAAAGAAAGCA
GCATGCCCTGTTGTGCTCAGCTCGGAGACATCATCGATGGCTACAATGCACAGTATAAAGTATCAGA
AAAGTCTCTAGAAGTGTGATGAACACATTTAGATGCTTAAAGTCCAGTTCACCACACGTGGGGGAAC
CATGAGTCTATAACTTCAGCAGAGACTACTTAGCAAGCTCTAACTGAACAGCAAGTTTCTAGAAGACC
AGATTGCACAGCACCCCTGAGACCAGCCATCAGAGAACTATTACGCTTATCACTTTGTACCATTCCCTAA
GTTCCGGTTCATTTTACTCGATTCTTATGACCTGAGTGTCTTGGGCATAGACCCATCTTCTCCAAAATAT
GAGCAGTGTATGAAGATGCTGAGGGAGCACAAACCAATGTGGAGTTGAATAGTCCCAAGGACTTTCTG
AGCCCCAGTATGTCCAGTTAATGGAGGATTCAGCCAAGAAGAGCTGAACTGGCTGAATGAAGTTCTTAC
ATTCTCTGACACGAACCAGGAGAAGGTGGTATTGTGAGCCATCTTCTTATCCAGAGGCTCTGAC
AGCGTGTGCTGGCTTGGAACTACGTGGATGCTCTGTCAATCATATGGTCTCACAAAGTGTGTGGTGTGT
TCCTTGCTGGTCACACACATGACGGTGGCTACTCTGAAGATCCTTTGGCGTGCACCATGTCAACCTTGA
AGGAGTTATTGAAACAGCTCCGGACAGCCAGGCCTTTGGCACAGTTCATGTCTTCCCTGACAAAATGCTG
CTGAAAGGGAGAGGCAGAGTCCAGACAGAATTATGAATTATAAAGGGAAGAAGCTTTGTGATTTTCGC
CTCATTATCTTGTCTGCTTTGTAGAAAGTGAACGATACTGTTTTATGTTTTATTACATCCATAAAAAGT
TAAATTCAGTTGTACTCTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: RsrII-NotI
ACCN: BC004029
Insert Size: 1023 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC004029 , AAH04029
RefSeq Size:	1316 bp
RefSeq ORF:	1023 bp
Locus ID:	66358
Cytogenetics:	11 B3
Gene Summary:	Hydrolyzes ADP-ribose, IDP-ribose, CDP-glycerol, CDP-choline and CDP-ethanolamine, but not other non-reducing ADP-sugars or CDP-glucose. May be involved in immune cell signaling as suggested by the second-messenger role of ADP-ribose, which activates TRPM2 as a mediator of oxidative/nitrosative stress (By similarity).[UniProtKB/Swiss-Prot Function]